

Remarks/Arguments

35 U.S.C. §102, ¶

Claim 22 was rejected under 35 USC 102(b) as being anticipated by Dekkers et al., (US 5,550,522). Claim 22 has been amended to recite more clearly patentably distinguishable features by including the limitations of now cancelled Claim 7.

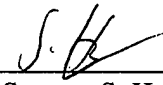
Currently amended Claim 22, unlike Dekkers et al., is directed to solving the cross modulation effects that can cause either orthogonality or parallelogram distortions. Currently amended Claim 22 recites first and second metal plates which are located near the front conductor assembly (See figures 5,6 and 7 and page 6 lines 37-40, page 7 lines 1-17). By placing the metal plates near the front conductor assembly, the arrangement of currently amended Claim 22 is, advantageously, capable of solving the cross modulation effects without significantly modifying the beam convergence or coma parameters. Advantageously, the first and second metal plates extend on both of the saddle-shaped coils of the same pair, symmetrically with respect to the Z axis, as explained in page 8, lines 13-29.

Nowhere do Dekkers et al., suggest the specific placement of the first and second metal plates of currently amended Claim 22 so as to extend on both of the saddle-shaped coils of the same pair, symmetrically with respect to the Z axis. Because there is no suggestion in Dekkers et al., that symmetrically placing metal plates with respect to the Z axis is even desirable, currently amended Claim 22 is patentably distinguishable thereover.

Allowance of Claims 5-6 and 22, is respectfully requested.

Respectfully submitted,

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